



MEMORANDUM

Date: June 8, 2023

To: Honorable Mayor and Commissioners

Via: Albert P. Childress 
City Manager

From: Kelly M. Crowe, P.E.
Utilities Director

Subject: **Award of Design Contract to Jacobs Engineering Group, Inc. for Trenchless Installation of Utilities Across Fleming Channel**

Introduction

Approval of the resolution will award a contract to Jacobs Engineering Group, Inc. (Jacobs) in the amount of \$1,149,313.00 for the design and permitting of the Trenchless Installation of Utilities Across Fleming Channel project. The resolution will authorize the City Manager to execute the contract upon consent of the City Attorney and approve any necessary budget transfers.

Background

The general scope of the project is to relocate a sewer force main, water main and electrical conduit from the existing aerial crossing on Fleming Key Bridge to an underground crossing below Fleming Channel. The sewer force main at this location conveys all of the city and a majority of the Navy's sewer flow to the Wastewater Treatment Plant (WWTP) on Fleming Key. The average daily flow into the WWTP and through this force main is approximately 4.5 million gallons of wastewater per day.

The primary reason for the relocation of the infrastructure is to protect against the possibility of vessel strikes to the bridge. A vessel strike could potentially disable the sewer force main. A significant disruption of the sewer force main at this location could cause operations to cease city-wide until service is restored. In 2019, a barge struck one of the supports for the force main. Service was not disrupted, but it served as a reminder how important it is to relocate the infrastructure.

Per Resolution 23-005, the City Commission approved the staff rankings for RFQ 22-008, "Trenchless Installation of Utilities Across Fleming Channel" and authorized the City Manager to enter into contract negotiations with the top ranked firm, Jacobs. Staff received a proposed scope of work and fee from

Jacobs and subsequently reviewed the proposal for consistency with the intent of the RFQ and conformance with staff's expectation of level of effort. Jacobs has adequately addressed staff's comments and the fee of \$1,149,313.00 is appropriate for the level of effort for this project.

The City of Key West has received several grants that will pay for a majority of the design. The funding breakdown for the design is as follows:

Funding Source	Amount
Hazard Mitigation Grant Program (HMGP) -Irma	\$540,843.62
City of Key West-HMGP Match (25%)	\$180,281.21
Department of Economic Opportunity (DEO)	\$428,188.17
Total	\$1,149,313.00

This project is significant and will greatly improve the resiliency of critical infrastructure that is vital to the operation of the City of Key West.

Procurement

This project was competitively solicited through RFQ 22-008. The project was budgeted in FY 22/23 in the amount of \$8,465,212 for both design and construction. The project is budgeted in account 401-3503-535-6500, project number SE35031802. Both grant funding sources have executed agreements and reimbursement will be requested from each agency as work progresses.

Recommendation

Staff recommends awarding the contract for the Trenchless Installation of Utilities Across Fleming Channel to Jacobs Engineering Group, Inc. and authorize the City Manager to execute the contact upon consent of the City Attorney and approve any necessary budget transfers.